

COMPREHENSIVE STRATEGIES TO PROTECT DRINKING WATER FROM HARMFUL ALGAL BLOOMS

June 30 | 12:00PM CST | Source Water Protection in the Watershed | ~ 1.5 hours

Best Management Practices in the watershed are crucial to limiting external nutrient loading into our drinking water sources.

Our first presentation by Dr. Stephen Souza will discuss how watershed development impacts the water quality, hydrology and biota of surface water reservoirs. It will review how to assess and quantify such impacts, what can be done by reservoir managers to protect and improve the raw water quality of their reservoir, and how tracking and responding to changes in raw water quality can actually reduce in-plant treatment needs.

Our second presentation by Dr. Erich Marzoff will be an assessment of how Florida is approaching load reductions from agricultural areas. This will include a discussion on agricultural Best Management Practices (BMP), advanced BMPs, changes in farming practices, such as crop rotation and buyouts, and specific regional treatment programs.



Dr. Souza is the Owner of Clean Waters Consulting, LLC. He is also the Founding Partner of Princeton Hydro, LLC. Over the past 35 years, he has dedicated his career to the management and restoration of aquatic ecosystems, in particular lakes, ponds and reservoirs. Dr. Souza is a past president of the North American Lake Management Society (NALMS) as well as the Pennsylvania Lake Management Society (PALMS). He serves on the Board of Trustees of the Association of New Jersey Environmental Commissions (ANJEC).



Dr. Marzoff is the Director of the Division of Water and Land Resources with the St. Johns River Water Management District where he oversees data collection, land management and ecosystem restoration planning. In this role, he works on integrating aquatic and terrestrial restoration and management efforts to meet the District's core missions.

The USACE Invasive Species Leadership Team in collaboration with the Aquatic Plant Management Society, North American Lake Management Society, and the American Water Works Association will summarize the latest research and technical information on management strategies to encourage better integration and facilitation in the protection of drinking water.

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